

REMARKS

The Notice of Non-Compliant Amendment, mailed June 8, 2005, has been received and reviewed. Responsive thereto, enclosed is a copy of the Notice of Non-Compliant Amendment, along with the following items in connection with the above-referenced application: Statement under 37 C.F.R. §§ 1.821 through 1.825, a paper copy of the sequence listing, and a CRF copy of sequence listing. It is respectfully submitted that the specification, as originally filed, supports the SEQUENCE LISTING included herein. In particular, the sequence of the *Mos1* gene, which was known in the art at the time of filing, is shown in SEQ ID NO:24 to facilitate reference to the nucleotides and amino acids of FIG. 5. Furthermore, the specification has been amended to introduce necessary sequence identifier in compliance with 37 C.F.R. § 1.821(d). It is respectfully submitted that this amendment includes no new matter.

In addition to the above amendments to the specification, a compliant amendment of the claims is submitted as a replacement for the non-compliant amendment of the claims submitted in the paper mailed March 30, 2005. All claim amendments and cancellations are made without prejudice or disclaimer. It is respectfully submitted that the specification, as originally filed, supports the amended claims and that this amendment to the claims includes no new matter.

CONCLUSION

Should the Office determine that additional issues remain, which might be resolved by a telephone conference, it is respectfully invited to contact applicants' undersigned attorney.

Serial No. 09/980,644

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'G. Scott Dorland', with a long horizontal flourish extending to the right.

G. Scott Dorland, Ph.D.

Registration No. 51,622

Attorney for Applicants

TRASKBRITT

P.O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: 801-532-1922

Date: June 21, 2005

GSD